

IN THE CLAIMS:

Please amend claims 1, 2, 5, 7-11, and 16-19 as follows.

1. (Currently Amended) An apparatus comprising:

~~A~~ a user identification module for user equipment for use in an access network,

wherein said module is configured to enable a plurality of access network applications to run, wherein the module is configured to enable ~~at least one a~~ a core network application to run, and wherein the module is configured to enable said core network application to run in parallel with at least one of the plurality of access network applications; and

wherein the user identification module is configured to generate authentication data for a core network and the access network, ~~and~~ wherein the authentication data for said core network and the access network is ~~further configured to be~~ dependent on a common data set, wherein the common data set ~~is configured to comprise~~ comprises at least one shared key between the access network and the access network application or the core network application, and wherein the shared key is configured to generate one or more ~~a required session key or keys~~.

2. (Currently Amended) ~~A user identification module~~ An apparatus as claimed in claim 1, wherein said plurality of access network applications run in parallel.

3-4. (Cancelled)

5. (Currently Amended) ~~A user identification module~~ An apparatus as claimed in claim 1, wherein said common data set comprises data for use in encryption.

6. (Cancelled)

7. (Currently Amended) ~~A user identification module~~ An apparatus as claimed in claim 1, wherein said access network comprises at least one of;

a code division multiple access ~~CDMA2000~~ network;

a universal mobile telecommunications system ~~UMTS~~-network;

a wireless local area ~~IEEE802.11~~ network;

a global system for mobile communications ~~GSM~~-network;

a digital advanced mobile phone system ~~DAMPS~~-network;

an advanced mobile phone system ~~a~~-AMPS-network,

a wideband code division multiple access ~~WCDMA~~ network.

8. (Currently Amended) ~~A user identification module~~ An apparatus as claimed in claim 1, wherein said core network application is an internet protocol ~~IP~~-multimedia service ~~(IMS)~~.

9. (Currently Amended) ~~A user identification module~~ An apparatus as claimed in claim 1, said ~~module~~ apparatus comprising a universal integrated circuit card ~~Universal Integrated Circuit Card~~.

10. (Currently Amended) A ~~communications~~ system comprising
a plurality of access networks;
at least one user equipment configured to be used ~~arranged for use~~ in at least one of said access networks; and
a user identification module configured to be used ~~for use~~ in the at least one user equipment,

wherein said module ~~being~~ is configured to enable a plurality of access network applications ~~to run, wherein the module is configured to enable~~ and at least one core network application to run, ~~wherein the module configured to enable~~ said core network application runs ~~to run~~ in parallel with at least one of the plurality of access network applications; and

wherein the user identification module is further configured to generate authentication data for the core network and the access network; ~~and~~ wherein the authentication data for said core network and the access network is ~~further configured to be dependent on a common data set, the common data set is configured to comprise that comprises~~ at least one shared key between the access network and the access network application or the core network application, and wherein the shared key is configured to generate at least one ~~a~~ required session key ~~or keys~~.

11. (Currently Amended) A ~~communications~~-system as claimed in claim 10, wherein said plurality of access network applications run in parallel.

12-13. (Cancelled)

14. (Currently Amended) A ~~communications~~-system as claimed in claim 10, wherein said common data set comprises data for use in encryption.

15. (Cancelled)

16. (Currently Amended) A ~~communications~~-system as claimed in claims 10, wherein said access network comprises at least one of;

a code division multiple access ~~CDMA2000~~-network;

a universal mobile telecommunications system ~~UMTS~~-network;

a wireless local area ~~IEEE802.11~~-network;

a global system for mobile communications ~~GSM~~-network;

a digital advanced mobile phone system ~~DAMPS~~-network;

an advanced mobile phone system a ~~AMPS~~-network,

a wideband code division multiple access ~~WCDMA~~-network.

17. (Currently Amended) A ~~communications~~-system as claimed in claim 10, wherein said core network application is an internet protocol IP-multimedia service (~~IMS~~).

18. (Currently Amended) A ~~communications~~-system as claimed in claim 10, said module comprising a universal integrated circuit card~~Universal Integrated Circuit Card~~.

19. (Currently Amended) A method ~~for operating a user identification module for user equipment for use in an access network~~, comprising:

enabling a plurality of access network applications to run;

enabling at least one core network application to run, wherein said core network application runs in parallel with at least one of the plurality of access network applications; and

generating authentication data for a core network and ~~the~~ an access network, the authentication data for said core network,

wherein the authentication data for said core network and the access network is configured to be dependent on a common data set, the common data set is configured to comprise at least one shared key between the access network and the access network application or the core network application, and the shared key is configured to generate a required session key or keys.

20. (Original) A method as claimed in claim 19, wherein said step of enabling a plurality of access network applications to run comprises;

enabling a first access network application to run,

enabling a second access network application to run,

wherein said first and second access network applications are enabled to run in parallel.

21. (Cancelled)